Approved For Release 2009/02/13 : CIA-RDP83-01074R000100700005-8

IRIS II-OPTICAL BAR CAMERA SYSTEM

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

CONFIGURATION DATA

SECRET

A LIGHTWEIGHT, COMPACE, PANDRAMIC CAMERA SYSTEM BESIGNED FOR ACCOUNTING OF HICH OBJUST PROTOGRAPHY FROM A HIGH ALTHOUGH FOR ACCOUNTING OF HICH DRIVER HIS PROMICES AND FORMER AND FORMER PROMICES PROMICED HE LIGHT OF THE PROMICES PANDRAMIC CONTRACT OF SERVICE AND FORMER CAMERA CAMERA

PHOTOGRAPHIC DATA

IC DATA
F/3.5
24"
140
.015 TO 0.25"
1/3,000 TO 1/70 SEC
SENSOR
TILTING STEREO GIMBAL
.005 TO 0.015 RAD/SEC
EQUIVALENT TO W-23 A
400 LBS
TO AFT (STEREO) 10%
IL [MONO] 20%
25
3404
4.0 MSL
5"
10,500
4.5" X 58.65"
2,100
63.2 MH
2.15 HM
2,000 KM
126,400
O _s ft. Altitude

MMC N-1256 (\$641) REV 5/60

STEREO GROUND COVERAGE

N-1336 (1/69) REVISED 5/69

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25**X**1

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CONTROL NO.
CLASSIFICATE !
TITLE

REQUESTOR DIAXX-4

DATE COMPLETED 5/69

KA-80 CAMERA SYSTEM (OPTICAL BAR-IRIS II)



CONFIGURATION DATA

A LIGHTMEIGHT, COMPACT, PARGRAMIC CAMERA SYSTEM DESIGNED FOR A CHOST HIGH GUALITY PHOTOGRAPHY FROM A HIGH ALTHOUGH TECHNOMASSANCE VICTURE. IS CAMERA SOPPICAL BAN, WORSE PRINCIPAL FILL THE CAMERA STANDARMIC COVERAGE BY SCARMING ACROSS THE GROWN THE ACROSS CAMERA ACROSS THE GROWN THE ACCOUNTY OF THE CONTROL OF THE CONTROL

PHOTOGRAPHIC DATA	
LENS	F/3.5
FOCAL LENGTH	24"
SCAN ANGLE +	140'
SLIT WIDTH (YARIABLE)	.015 10 0.25"
EXPOSURE RANGE (VARIABLE)	1/5,000 TO 1/200 SEC.
EXPOSURE CONTROL	SENSOR
IMAGE MOTION COMPENSATION	TILTING STEREO GIMBAL
V/H RANGE/SENSED	.005 TO 0.05 RAD/SEC
FILTERS	EQUIVALENT TO W-23 A
CAMERA WEIGHT (INCLUDING FILM)	250 LBS.
GROUND RESOLUTION	
FOWARD OVERLAP FWD TO FWD OR AFT TO AFT	10%
CONVERGENCE ANGLE	25°
FILM TYPE	3404
FILM BASE .	4.0 MIL
FILM WIDTH	5"
FILM LOAD [THIN BASE]	10,500"
FORMAT DIMENSIONS	4.5" X 58.65"
FRAMES/MISSION	2,100
TRANSVERSE COVERAGE	63.2 NM
LINEAR COVERAGE/FRAME [HADIR]	2.15 NM
LINEAR COVERAGE/MISSION	2,000 HM
CO. MAINTIPAL MILES CONFRACE	123 400

STEREO GROUND COVERAGE

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CONTROLLING 1/69 T55 6

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